

L6 ANSWER 50 OF 52 CA COPYRIGHT 2005 ACS on STN

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TI Retarding the setting of **cement**

PA Plastic Fin A.-G.

SO Fr. Demande, 4 pp.

CODEN: FRXXBL

DT Patent

LA French

IC C04B

CC 58-1 (Cement and Concrete Products)

FAN. CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PI FR 2085402 | | 19720128 | FR 1970-13913 | 19700417 |

CLASS

| PATENT NO. | CLASS | PATENT FAMILY CLASSIFICATION CODES |
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| FR 2085402 | IC | C04B |
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AB The **retarders** of the invention comprise a lignosulfonate, a carbohydrate, and an organic material containing OH or COOH groups. Suitable retardant additives are: (a) Ca lignosulfonate, hexametaphosphate, H₃PO₄, saccharose, furfuryl alc.; (b) Na lignosulfonate, polyphosphate, H₃PO₄, Na gluconate, furfuryl acid; and (c) similar to a but replacing the H₃PO₄ and furfuryl alc. by poly (acrylic acid).

ST **retarder cement** hardening

IT Metaphosphates

Polyphosphates

RL: USES (Uses)

(**cement** setting **retarders**)